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THE TAKING INTO ACCOUNT OF THE PRECEDING DEVELOPMENT OF ATMOSPHERIC PROCESSES AND THE DISTRIBUTION OF THE WEATHER ELEMENTS 1. Weather forecasting--USSR 1. Tsepkanova, Ye. L. il. Khesina, B. G. Ill. Trans-26 IN THE CONSTRUCTION OF MONTHLY WEATHER FORECASTS. 10 Dec 59, 7p. (2 tables omitted) 3 refs. Trans. no. 26; M1930. IV. DSIR LLU M. 1930 Order from LC or SLA mi\$1.80, ph\$1.80 61-13314 Trans. of Teentral'nyy] Inst[ittt] Progn[ozov] Moscow (Trudy (USSR) 1958, no. 71, p. 44-47. By indications in the corresponding month of previous years and observing the general character of the temperature distribution, an analogue is selected on which to base a monthly weather forecast. This study was made to accertain the desirability of ascertaining the 151933 degree of analogy in the development of sysoptic proc-eases and of spatial distribution of temperature and pressure in previous months for the construction of a monthly forecase of the air temperature anomaly over (Barth Sciences -- Metsorology, TT, v. 5, no. 9) (over)

APPROVED FOR RELEASE: Thursday, December 13, 2001

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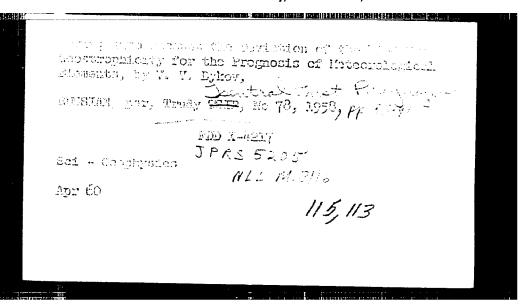
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APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880075-7

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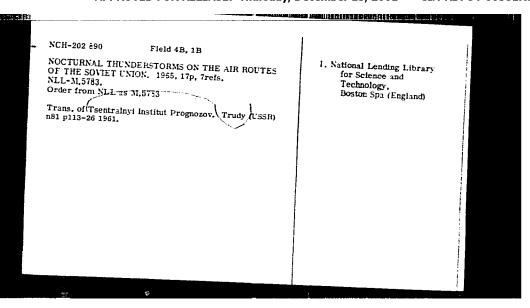
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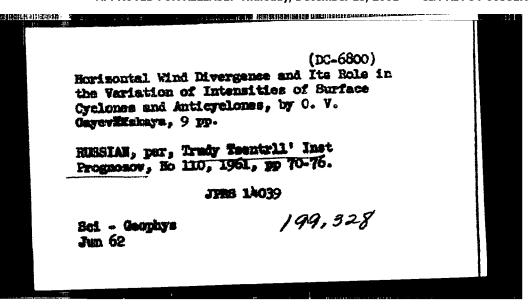
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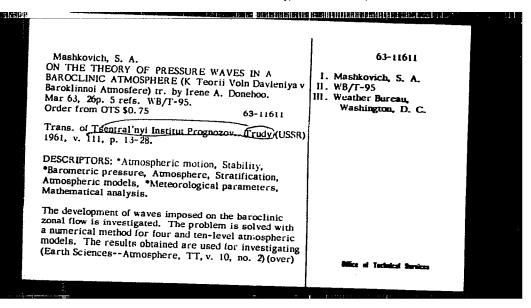
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Sci - Geoghys 12 Mar 63 OTS TT-62-11742

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62-11683 Belov, P. N. NUMERICAL PREDICTION OF THE PRESSURE FIELD BY A THREE LEVEL ATMOSPHERIC I. Belov, P. N. II. Weather Bureau, MODEL (Chislennyi Prognoz Baricheskogo Polya po Washington, D. C. Trekhurovennoi Modeli Atmosfery) tr. by H. K. Gold. May 62, 14p. 12 refs. Order from OTS \$0.50 62-11683 Trans. of Tsentral'nyi Institut Prognozov. Trudy (USSR) 1961, v. 111, p. 29-38. DESCRIPTORS: *Atmosphere models, Pressure, Computers, Weather forecasting, *Air mass analysis, Statistical functions, *Barometric pressure, Temperature, Stratification. One of the possible variants of the solution of the problem of the numerical forecast of pressure at various atmospheric levels is proposed, using an e-(Earth Sciences -- Meteorology, TT, v. 8, no. 4) Office of Technical Services (over)

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TT-62-11744

Trans. of Tsentral'nyl Institut Prognozoy, Trudy (USSR) 1961, v. 111, p. 39-43. (Abstract available)

DESCRIFTORS: *Barometric pressure, *Meteorological charts, Weather forecasting, Meteorology, Polynomials, Least squares method, Numerical analysis.

The accuracy of interpolation of geopotential is studied for the purpose of an objective analysis. For the inter-(Earth Sciences--Meteorology, TT, v. 11, no. 7)(over)

APPROVED FOR RELEASE: Thursday, December 13, 2001

Belov, P. M.
USE OF EMPERICAL INFLUENCE FUNCTIONS FOR
A WEATHER FORECAST AT A SINGLE STATION
(Lopel novame Regiricheskith Funkteil Vilyamya diya
Progody v Odsom Pankse)
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Creder from OTS 30, 29

TT-62-11741

Trans, of Tsentral nyl Institut Prognozov. Trudy (USSR)
1961, v. 111, p. 44-49. (Abstract available)

DESCRIFTORS: *Weather forecasting, Meteorological parameters, Hydrodysamics, Thermodynamics,
Repetiens, Computers, Statistical analysis,
Meteorology.

An attempt is given to work up methods of statistical treatment of meteorological elements in their entirety for a pariod of three days. A selection of types of (Earth Sciences-Meteorology, TT, v. 11, no. 7)(over)

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On Certain Characteristics of the Zonal Circulation of the Atmosphere Over the Horthern Hemisphere During the International Geophysical Year, by S. A. Mashkovich, Ya. M. Kheifets, 15 pp.

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Weather Bureau/T-90

Sci - Geoghys 12 Mar 63 224,820

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DIVERGENCE AND CULR OF WIND VELOCITY
AND THE LAPLACIAN H AT HEIGHTS IN QUASI-VERTICAL
CYCLONES, AND ATNI-CYCLONES, BYA. N.
MERTSALOV, 18 PP.

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JPRS 14255

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JPRS 13356

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Sci - Geophys Apr 62

(SF-2203)

RESULTS OF TESTING METHODS OF FORECASTING
THE ABSOLUTE GEOPOTENTIAL OF THE ISOBARIC
SURFACES OF 500 AND 300 MILLIBARS, BY
T. D. SEREDA, 8 PP.

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JPRS 14255

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ON FORECASTING THE GEOPOTENTIAL IN A POLYTROPIC ATMOSPHERE (K Prognozu Geopotentsiy: v Politropnoi Atmosfere) tr. by Irene A. Donehoo. Jun 63, 13p 4refs WB/T-97.

Order from OTS \$0.50

Trans. of Tsentral'nyi Institut Prognozov. Trudy(USSR 1962, v. 102, p. 53*59.

DESCRIPTORS: *Weather forecasting, *Meteorology, Climatology, *Barometric pressure, Atmosphere, Northern Hemisphere, Differential equations, Numerical analysis

A nonlinear spatial problem on forecasting the geopotential over the Northern Hemisphere is solved. It is assumed that the temperature varies linearly with height in the troposphere and does not depend on the (Earth Sciences--Meteorology, TT, v. 10, no. 11)(over)

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RUBSIAN, per, Trudy Tsentral Inst Prognozov, No 103, 1962, pp 3-15.

NLL M 5005

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A Method of Improving the Mean Monthly Air Temperature Anomaly Forecast, by D. A. Ped, V. F. Kozel'cheva.

RUSSIAN, per, Irudy Tsentral Inst Prognozov, No 103, 1962, pp 16-30.

NLL M 5011

Sci - Earth Sci & Astron Apr 63 226,989

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A Study of the Continuity of the Fields of Anomaly of the 500-1000 mb Geopotential Thickness Using Markov Chains for Forecasting the Mean Monthly Air Temperature, H. H. Rafailova.
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Making Use of the Rm Principle of Analogousness in the Forecasting of Synoptic Processes and Weather for Five Days, by K. A. Vasyukov, et al.

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Sci-Earth Sci & Astron April 64

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Anomalies and the Amount of Precipitation
for a Mem Month, by P. A. Ped,
T. Y. Sidochenko.

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NLL Ref: 5828.4 1963 (5416) (Loan)

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Results of Approving the New Definitions of the Tropopause in Different Geographical Areas of the USSR, by S. A. Porchidze.

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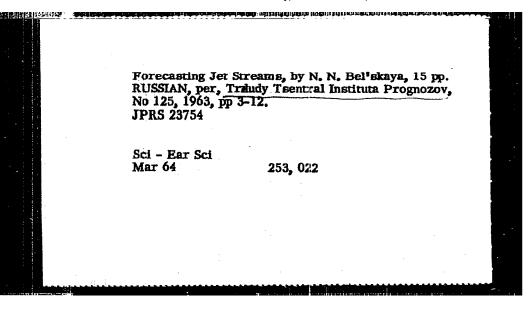
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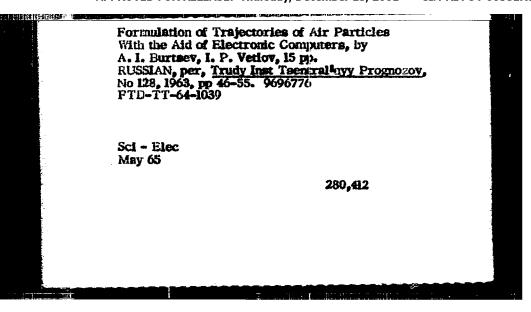
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